CLAIM OR CLAIMS

WHAT IS CLAIMED IS:

1. A method of monitoring a nominal cold boot time for an application from a Multimedia Home Platform (MHP) transport stream containing an Application Information Table (AIT) comprising the steps of:

a) recording a start time for a selected start position in the transport stream;

b) identifying after the selected start position in the transport stream a service having an Object Carousel and an associated AIT section;

c) receiving a next occurrence after the service in the transport stream of the associated AIT section for the application;

d) analyzing the associated AIT section to determine a root asset and remaining assets required by the application;

e) receiving after the associated AIT section in the transport stream a next occurrence of a module containing the root asset and subsequent occurrences of modules containing the remaining assets, recording a time of receipt of the last such module as a finish time; and

f) determining the nominal cold boot time by subtracting the start time from the finish time.

2. The method as recited in claim 1 wherein the determining step

comprises the step of outputting a signal representative of the nominal cold boot time to a user interface.

3.   The method as recited in claim 2 further comprising the steps of:

recording a new start time in the transport stream for a new selected start position; and

repeating steps b) to f) for the new start position to determine a succeeding nominal cold boot time.

4.   The method as recited in claim 3 wherein the outputting step comprises the step of graphically displaying the nominal cold boot times.

5.   The method as recited in claim 1 wherein the analyzing step comprises the steps of:

detecting incorrect or insufficient AIT information in the AIT section to properly download the application; and

outputting a warning signal.

6.   The method as recited in claim 5 wherein the detecting step comprises the step of detecting an inability to boot the application because of the incorrect or insufficient AIT information.

7.	The method as recited in claim 1 further comprising the step of modifying the transport stream by varying an AIT repetition rate in the transport stream to vary the nominal cold boot time.

8.	A monitor for monitoring a nominal cold boot time for an application from a Multimedia Home Platform (MHP) transport stream containing an Application Information Table (AIT), the monitor comprising:

means for recording a start time for a selected starting position in the transport stream;

means for identifying after the selected starting position in the transport stream a service having an Object Carousel and an associated AIT section;

means for successively identifying modules after the service in the transport stream having a next occurrence of the associated AIT section for the application and succeeding occurrences of a root asset and remaining assets of the application;

means for analyzing the AIT section to determine the root asset and remaining assets of the application and for informing the module identifying means that the module identifying means may identify the succeeding occurrences of the assets in the transport stream in an order in which they are received; and

means for measuring the nominal cold boot time as the difference between the start time and a time of receipt of all the assets for the application.

9.   The monitor as recited in claim 8 further comprising means for outputting a signal representative of the nominal cold boot time to a user interface.

10.   The monitor as recited in claim 9 wherein the outputting means comprises a visual display arranged graphically to display the nominal cold boot time.

11.   The monitor as recited in claim 8 wherein the analyzing means comprises:

means for detecting incorrect or insufficient AIT information in the AIT section for proper downloading of the application; and

means for outputting a warning signal.

12.   The monitor as recited in claim 11 wherein the analyzing means further comprises means for detecting an inability of the application to boot because of the incorrect or insufficient AIT information.